Armin Straub

List of Publications by Year
in descending order

47 papers	537 citations	759233 12 h-index	752698 20 g-index
49 all docs	49 docs citations	49 times ranked	183 citing authors

#	Article	IF	Citations
1	Supercongruences for polynomial analogs of the ApÃ©ry numbers. Proceedings of the American Mathematical Society, 2018, 147, 1023-1036.	0.8	50
2	Densities of Short Uniform Random Walks. Canadian Journal of Mathematics, 2012, 64, 961-990.	0.6	46
3	Ramanujanâ€™s Master Theorem. Ramanujan Journal, 2012, 29, 103-120.	0.7	43
4	Some arithmetic properties of short random walk integrals. Ramanujan Journal, 2011, 26, 109-132.	0.7	39
5	Three-Step and Four-Step Random Walk Integrals. Experimental Mathematics, 2013, 22, 1-14.	0.7	27
6	Multivariate ApÃ©ry numbers and supercongruences of rational functions. Algebra and Number Theory, 2014, 8, 1985-2008.	0.6	23
7	Core partitions into distinct parts and an analog of Eulerâ€™s theorem. European Journal of Combinatorics, 2016, 57, 40-49.	0.8	21
8	On gamma quotients and infinite products. Advances in Applied Mathematics, 2013, 51, 546-562.	0.7	20
9	Supercongruences for sporadic sequences. Proceedings of the Edinburgh Mathematical Society, 2016, 59, 503-518.	0.3	19
10	Mahler measures, short walks and log-sine integrals. Theoretical Computer Science, 2013, 479, 4-21.	0.9	16
11	On lattice sums and Wigner limits. Journal of Mathematical Analysis and Applications, 2014, 414, 489-513.	1.0	16
12	Special values of generalized log-sine integrals. , 2011, , .		15
13	Ramanujanâ€™s Formula for Î¶(2n + 1). , 2017, , 13-34.		15
14	Positivity of rational functions and their diagonals. Journal of Approximation Theory, 2015, 195, 57-69.	0.8	13
15	On a secant Dirichlet series and Eichler integrals of Eisenstein series. Mathematische Zeitschrift, 2016, 284, 827-852.	0.9	13
16	Divisibility properties of sporadic ApÃ©ry-like numbers. Research in Number Theory, 2016, 2, 1.	0.4	13
17	LOG-SINE EVALUATIONS OF MAHLER MEASURES. Journal of the Australian Mathematical Society, 2012, 92, 15-36.	0.4	12
18	Densities of short uniform random walks in higher dimensions. Journal of Mathematical Analysis and Applications, 2016, 437, 668-707.	1.0	12

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19	The p-adic valuation of k-central binomial coefficients. Acta Arithmetica, 2009, 140, 31-42.	0.4	10
20	Log-Sine Evaluations of Mahler Measures, II. Integers, 2012, 12, .	0.3	9
21	A SOLUTION OF SUN'S $520 CHALLENGE CONCERNING $rac{520}{pi}$. International Journal of Number Theory, 2013, 09, 1273-1288.	0.5	9
22	A modular supercongruence for _6F_5: An ApÃ©ry-like story. Annales De L'Institut Fourier, 2018, 68, 1987-2004.	0.6	9
23	Positivity of SzegÃ¶'s rational function. Advances in Applied Mathematics, 2008, 41, 255-264.	0.7	8
24	Congruences for Fishburn numbers modulo prime powers. International Journal of Number Theory, 2015, 11, 1679-1690.	0.5	7
25	A Sinc that Sank. American Mathematical Monthly, 2012, 119, 535.	0.3	6
26	Relations for Nielsen polylogarithms. Journal of Approximation Theory, 2015, 193, 74-88.	0.8	5
27	Bounds for the logarithm of the Euler gamma function and its derivatives. Journal of Mathematical Analysis and Applications, 2016, 433, 1072-1083.	1.0	5
28	Gaussian Binomial Coefficients with Negative Arguments. Annals of Combinatorics, 2019, 23, 725-748.	0.6	5
29	Gauss congruences for rational functions in several variables. Acta Arithmetica, 2018, 184, 341-362.	0.4	5
30	Special values of trigonometric Dirichlet series and Eichler integrals. Ramanujan Journal, 2016, 41, 269-285.	0.7	4
31	Sequences, modular forms and cellular integrals. Mathematical Proceedings of the Cambridge Philosophical Society, 2020, 168, 379-404.	0.4	4
32	Interpolated Sequences and Critical L-Values of Modular Forms. Texts and Monographs in Symbolic Computation, 2019, , 327-349.	0.4	3
33	Identities for Bernoulli polynomials related to multiple Tornheim zeta functions. Journal of Mathematical Analysis and Applications, 2019, 476, 569-584.	1.0	3
34	Certain Integrals Arising from Ramanujan's Notebooks. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	3
35	ApÃ©ry Limits: Experiments and Proofs. American Mathematical Monthly, 2021, 128, 811-824.	0.3	3
36	On congruence schemes for constant terms and their applications. Research in Number Theory, 2022, 8, .	0.4	3

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37	On Multiple and Infinite Log-Concavity. Annals of Combinatorics, 2016, 20, 125-138.	0.6	2
38	An algorithmic approach to the Polydegree Conjecture for plane polynomial automorphisms. Journal of Pure and Applied Algebra, 2019, 223, 5346-5359.	0.6	2
39	Short Walk Adventures. Springer Proceedings in Mathematics and Statistics, 2020, , 423-439.	0.2	2
40	The local recognition of reflection graphs of spherical Coxeter groups. Journal of Algebraic Combinatorics, 2010, 32, 1-14.	0.8	1
41	The Zagier polynomials. Part II: Arithmetic properties of coefficients. Ramanujan Journal, 2014, 35, 361-390.	0.7	1
42	Crouching AGM, Hidden Modularity. , 2018, , 169-187.		1
43	Closed-form evaluation of integrals appearing in positronium decay. Journal of Mathematical Physics, 2009, 50, .	1.1	0
44	A fast numerical algorithm for the integration of rational functions. Numerische Mathematik, 2010, 115, 289-307.	1.9	0
45	On formulas for π experimentally conjectured by Jauregui–Tsallis. Journal of Mathematical Physics, 2012, 53, 073708.	1.1	0
46	Sequences, Modular Forms and Cellular Integrals. MATRIX Book Series, 2019, , 423-424.	0.2	0
47	A triple integral analog of a multiple zeta value. International Journal of Number Theory, 2021, 17, 223-237.	0.5	0